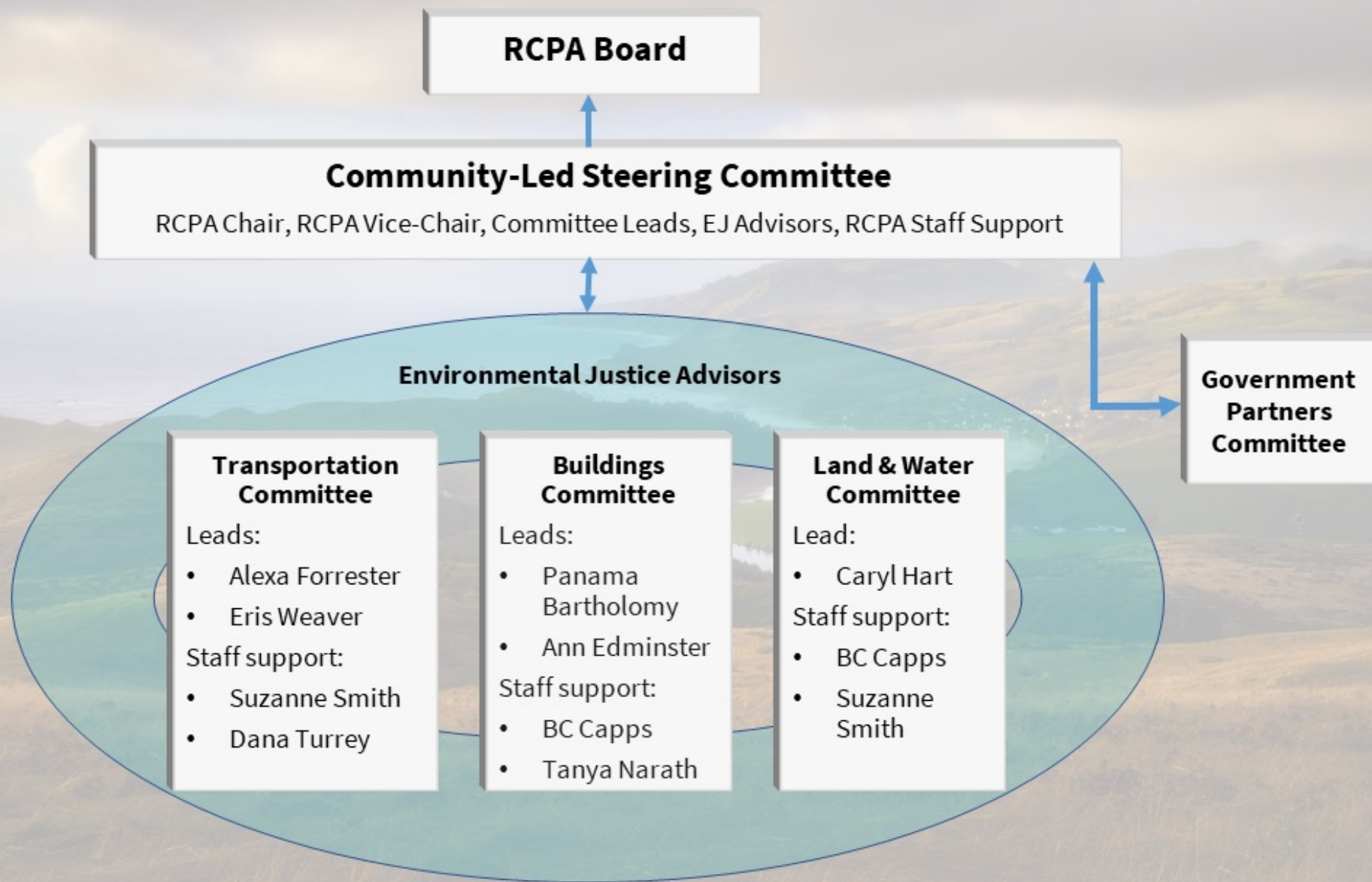


# Funding for Climate Change Land and Water Committee Kick-Off Meeting

RCPA Land and Water Committee  
February 2, 2023

Caryl Hart, Committee Chair  
Suzanne Smith, Executive Director  
BC Capps, Climate Change Program Specialist

## FUNDING FOR CLIMATE CHANGE COMMITTEE STRUCTURE



2022 – Vision

2023 – Funding Priorities

2024 – Implementation

Implement Sonoma Climate Mobilization climate solutions

Outreach and engagement to develop community vision and climate solutions for 2030

Outreach and engagement on funding options and climate investment priorities

Move forward with funding options



Initiative	Strategy
Transportation	<ul style="list-style-type: none"><li>• Drive Less Sonoma County Campaign</li><li>• EV Access for All Partnership</li><li>• Sonoma County Vehicle Miles Traveled Mitigation Bank</li></ul>
Buildings	<ul style="list-style-type: none"><li>• All-Electric Buildings Campaign</li><li>• Carbon-Free Electricity</li></ul>
Land and Water	<ul style="list-style-type: none"><li>• Protect Existing Carbon Stocks</li><li>• Increase Carbon Stocks</li><li>• Scale Up Infrastructure for Sequestration</li></ul>

**Environmental Justice and Community Engagement**

## Strategy 7: Protect Existing Carbon Stocks

**Goal: Maintain the carbon that is currently held in soil and plants.**

- Support the implementation of forest management practices that protect existing carbon stocks by reducing the risk of catastrophic wildfire.
- Increase carbon sequestration by growing large, mature trees and moving surplus biomass to the soil carbon pool through mulching in place, prescribed fire, conservation burns, and off site uses, including compost and mulch production.



## Strategy 7: Protect Existing Carbon Stocks

**Goal: Maintain the carbon that is currently held in soil and plants.**

- Work with the Sonoma County Agricultural Preservation and Open Space District on strategic land protection and stewardship actions that increase carbon sequestration and minimize conversion to land uses that have a lower capacity to sequester carbon.
- Work with Permit Sonoma to implement existing and develop new land use policies (e.g., Sonoma County General Plan, Williamson Act, etc.) that result in measurable carbon sequestration.



## Strategy 7: Protect Existing Carbon Stocks

**Goal: Maintain the carbon that is currently held in soil and plants.**

- Implement countywide fire-safe landscape practices, tree care and protection, and compost/mulch applications.
- Partner with outdoor recreation and environmental education partners to offer tours of sequestration projects to members of frontline communities.



## Strategy 8: Increase Carbon Stocks

**Goal: Capture more carbon in soils and plants.**

- Support local agricultural producers to plan, implement, and scale carbon sequestration.
- Increase our urban forest cover starting with communities impacted by recent fires and in frontline communities.





## Strategy 8: Increase Carbon Stocks

**Goal: Capture more carbon in soils and plants.**

- Implement regenerative land management practices at the municipal scale, including practices that draw down carbon, reduce GHG emissions, and improve watershed and human health.
- Develop engagement strategies that specifically target members of frontline communities to increase urban forest cover, implement regenerative land management practices, and improve human health.



## Strategy 9: Scale Up the Infrastructure for Sequestration

**Goal: Build the physical, social, and economic capacity for successful carbon sequestration.**

- Create a “sequester local” program to help Sonoma County businesses reinvest carbon-offset dollars within the community.
- Secure permanent Resource Conservation District funding for scaling carbon farming, starting with \$2 million and increasing to \$20 million per year within the next ten years.
- Scale up the infrastructure necessary to fully implement Carbon Farm Plans.
- Develop a comprehensive residential carbon gardening education campaign.



## Strategy 9: Scale Up the Infrastructure for Sequestration

**Goal: Build the physical, social, and economic capacity for successful carbon sequestration.**

- Develop a carbon sequestration training for landscape professionals, and County and municipal parks and recreation staff.
- Use policies, civic incentives, and educational efforts to take action and build civic engagement toward achieving Sonoma County's ambitious climate action goals.
- Implement additional equity recommendations identified by the Climate Action Advisory Committee and other community partners.



# Strategy 11: Climate Resilient Sonoma County

**Goal: Address the economic, social, and environmental impacts of future wildfires, floods, extreme heat, drought, sea level rise, and other climate change risks.**

- Support launch of a local vegetation/forest management and fire prevention corps.
- Support inclusion of climate adaptation and resiliency strategies in safety elements of local general plans.
- Implement priority recommendations from the Urban Land Institute (ULI) Resilience Advisory Services Panel.







# Thank You!

## Questions?

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